

REMARKS

In the Office Action the Examiner rejected all claims 1-2 and 10-14 under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. Claims 1-2 and 10-14 remain in the application.

The rejection was based on the similar phrases "without waiting for completion of the step of placing the first data in the line in the cache and onto the data bus" and "without waiting for completion of the loading of the additional data onto the line as it is received" which were previously added by amendment to the only independent claims, claims 1 and 10. The Examiner presented the view that this characteristic is not described in the specification. Applicants admit that this precise language was not present in the application but believe that the meaning is described in the application as filed. This operation is described in the description from line 9, page 5, to page 7, line 2 in conjunction with FIG. 4. At page 6, lines 11-13, the specification states, "Equipping the DSP core with the data as it arrive is beneficial." This description in conjunction with FIG. 4 makes it clear that data is loaded in the cache as it is received. The specification at page 6, lines 23-25, in the context of terminating prefetches, states, "If that is the case, the automatic generation of the prefetch address in that sequence is terminated, but the data that is received is loaded in cache 24. This provides for a partial line fill." Thus even if the prefetch is terminated, which means that the data being prefetched will not be put on the data bus, the cache is still loaded to the extent data is received. This is another way of saying ~~this is~~ that loading of the cache with prefetched data as it arrives does not require the completion of putting a prior portion of the prefetched data on the data bus.

Thus, applicants submit that the above-quoted claim language is supported by the application as filed. An amendment to the specification is included herewith to include more of this precise claim language. Applicants accordingly submit that this amendment does not add new matter.

No amendment made was related to the statutory requirements of patentability unless expressly stated herein. No amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

Applicants believe the application is in condition for allowance which action is respectfully solicited. Please contact the below-signed if there are any issues regarding this communication or otherwise concerning the current application.

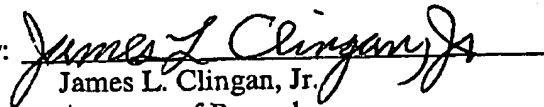
Respectfully submitted,

SEND CORRESPONDENCE TO:

Motorola, Inc.
Law Department

Customer Number: 23125

By:


James L. Clingan, Jr.
Attorney of Record
Reg. No.: 30,163
Telephone: (512) 996-6839
Fax No.: (512) 996-6854
Email: Jim.Clingan@Motorola.com